



## SEQUENCE LISTING

<110> Turner, C. Alexander Jr.  
Zambrowicz, Brian  
Friedrich, Glenn  
Nehls, Michael  
Sands, Arthur T.

<120> Novel Human Proteins and Polynucleotides  
Encoding the Same

<130> LEX-0035-USA

<150> US 60/150,511

<151> 1999-08-24

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 573

<212> DNA

<213> homo sapiens

<400> 1

atgatgagga	ccactgaaga	cttcacacaag	cctagtgcca	cattaaactc	taacacggcc	60
accaagggaa	ggtacattta	tctggaggca	ttcctggagg	gaggagctcc	ctggggtttt	120
actctaaagg	gtggcctgga	gcacggagaa	ccattaatca	tctctaaggt	cgaagaaggg	180
ggcaaagcag	acaccctgag	ctccaaactg	caggctgggg	atgaggttgt	gcacatcaat	240
gaggtgactc	tgagcagctc	cagaaaggag	gcagtttccc	tggtgaaagg	atcctacaag	300
accctcaggc	tggtagtgcg	cagcctctcc	ccaccggtca	ctgttagcct	cgagtttgac	360
cctcaacatc	cccagaggat	gcctcctagg	actcgaacct	catttagtgt	ctctactgct	420
gatggacgcc	atgagtggag	ctgtcgacca	ccttggtgga	agtgggtggc	tccacgtccc	480
acctgggcag	cacgatggcc	acagaaaggt	tgtatctacc	ccaccagca	caacacatgc	540
agaaatttca	aaagagccta	tttaagtaga	tga			573

<210> 2

<211> 190

<212> PRT

<213> homo sapiens

<400> 2

Met	Met	Arg	Thr	Thr	Glu	Asp	Phe	His	Lys	Pro	Ser	Ala	Thr	Leu	Asn
1				5					10					15	
Ser	Asn	Thr	Ala	Thr	Lys	Gly	Arg	Tyr	Ile	Tyr	Leu	Glu	Ala	Phe	Leu
			20					25					30		
Glu	Gly	Gly	Ala	Pro	Trp	Gly	Phe	Thr	Leu	Lys	Gly	Gly	Leu	Glu	His
			35				40						45		
Gly	Glu	Pro	Leu	Ile	Ile	Ser	Lys	Val	Glu	Glu	Gly	Gly	Lys	Ala	Asp
			50			55					60				
Thr	Leu	Ser	Ser	Lys	Leu	Gln	Ala	Gly	Asp	Glu	Val	Val	His	Ile	Asn
65					70				75					80	
Glu	Val	Thr	Leu	Ser	Ser	Ser	Arg	Lys	Glu	Ala	Val	Ser	Leu	Val	Lys
			85					90						95	

Gly	Sér	Tyr	Lys	Thr	Leu	Arg	Leu	Val	Val	Arg	Ser	Leu	Ser	Pro	Pro
			100					105					110		
Val	Thr	Val	Ser	Leu	Glu	Phe	Asp	Pro	Gln	His	Pro	Gln	Arg	Met	Pro
			115				120					125			
Pro	Arg	Thr	Arg	Thr	Ser	Phe	Ser	Val	Ser	Thr	Ala	Asp	Gly	Arg	His
			130			135					140				
Glu	Trp	Ser	Cys	Arg	Pro	Pro	Trp	Val	Lys	Trp	Trp	Ser	Pro	Arg	Pro
145					150				155						160
Thr	Trp	Ala	Ala	Arg	Trp	Pro	Gln	Lys	Gly	Cys	Ile	Tyr	Pro	Thr	Gln
				165					170					175	
His	Asn	Thr	Cys	Arg	Asn	Phe	Lys	Arg	Ala	Tyr	Leu	Ser	Arg		
			180					185					190		

<210> 3  
 <211> 327  
 <212> DNA  
 <213> homo sapiens

<400> 3	
atgatgagga ccactgaaga cttccacaag cctagtgcca cattaaactc taacacggcc	60
accaagggaa ggtacattta tctggaggca ttcctggagg gaggagctcc ctgggggtttt	120
actctaaagg gtggcctgga gcacggagaa ccattaatca tctctaaggt cgaagaaggg	180
ggcaaaagcag acaccctgag ctccaaactg caggctgggg atgaggttgt gcacatcaat	240
gaggtgactc tgagcagctc cagaaaggag gcagtttccc tggtgaaagg atcctacaag	300
accctcaggc tggtagtgcg cagttga	327

<210> 4  
 <211> 108  
 <212> PRT  
 <213> homo sapiens

<400> 4	
Met Met Arg Thr Thr Glu Asp Phe His Lys Pro Ser Ala Thr Leu Asn	
1 5 10 15	
Ser Asn Thr Ala Thr Lys Gly Arg Tyr Ile Tyr Leu Glu Ala Phe Leu	
20 25 30	
Glu Gly Gly Ala Pro Trp Gly Phe Thr Leu Lys Gly Gly Leu Glu His	
35 40 45	
Gly Glu Pro Leu Ile Ile Ser Lys Val Glu Glu Gly Gly Lys Ala Asp	
50 55 60	
Thr Leu Ser Ser Lys Leu Gln Ala Gly Asp Glu Val Val His Ile Asn	
65 70 75 80	
Glu Val Thr Leu Ser Ser Arg Lys Glu Ala Val Ser Leu Val Lys	
85 90 95	
Gly Ser Tyr Lys Thr Leu Arg Leu Val Val Arg Ser	
100 105	

<210> 5  
 <211> 402  
 <212> DNA  
 <213> homo sapiens

<400> 5	
atgatgagga ccactgaaga cttccacaag cctagtgcca cattaaactc taacacggcc	60
accaagggaa ggtacattta tctggaggca ttcctggagg gaggagctcc ctgggggtttt	120
actctaaagg gtggcctgga gcacggagaa ccattaatca tctctaaggt cgaagaaggg	180

ggcaaagcag	acaccctgag	ctccaaactg	caggctgggg	atgaggttgt	gcacatcaat	240
gaggtgactc	tgagcagctc	cagaaaggag	gcagtttccc	tggtgaaagg	atcctacaag	300
accctcaggc	tggtagtgcg	cagaaatggg	gtcttgctat	gttgcccaga	atggaaggta	360
gtggctattc	ataggcatga	tcatcatgca	ctgcagcctt	ga		402

[illegible]